

04/25/01  
Jc867 U.S. PTO

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PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>	Attorney Docket No.	6083.US.D2
	First Inventor or Application Identifier	P. A. Billing-Medel
	Title	See 1 in Addendum
	Express Mail Label No.	EL507389875US

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages <u>111</u> ] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the invention</li><li>- Brief Summary of the invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>	6. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Copy</li><li>b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy)</li><li>c. <input checked="" type="checkbox"/> Statement verifying identity of above copies</li></ul>
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>9</u> ]	<b>ACCOMPANYING APPLICATION PARTS</b> <ul style="list-style-type: none"><li>7. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</li><li>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></li><li>9. <input type="checkbox"/> English Translation Document (if applicable)</li><li>10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</li><li>11. <input checked="" type="checkbox"/> Preliminary Amendment</li><li>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></li><li>13. <input type="checkbox"/> * Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application <small>(PTO/SB/09-12) Status still proper and desired</small></li><li>14. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></li><li>15. <input checked="" type="checkbox"/> Other: <u>See 2 in Addendum</u></li></ul>
4. Oath or Declaration [Total Pages <u>5</u> ] <ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <small>(for continuation/divisional with Box 16 completed)</small><ul style="list-style-type: none"><li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</li></ul></li></ul>	
<b>* NOTE FOR ITEMS 1 &amp; 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</b>	

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:  
☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/071,710  
Prior application information: Examiner J. Fredman Group / Art Unit: 1655  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label <input type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small>					
Name	Steven F. Weinstock Abbott Laboratories				
Address	Department 377 / AP6D-2 100 Abbott Park Road				
City	Abbott Park	State	IL	Zip Code	60064-6050
Country	USA	Telephone	(847) 938-3137	Fax	(847) 938-2623

Name (Print/Type)	Mimi C. Goller	Registration No. (Attorney/Agent)	39,046
Signature	<i>Mimi C. Goller</i>	Date	4/25/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

## Addendum

1. REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE
2. - Request to Use Computer Readable Form from a Priority Application

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.  
These are the fees effective October 1, 1997.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§1.27 and 1.28.

## Complete if Known

Application Number  
Filing Date April 25, 2001  
First Named Inventor P. A. Billing-Medel  
Examiner Name (not yet assigned)  
Group / Art Unit (not yet assigned)  
Attorney Docket No. 6083.US.D2

TOTAL AMOUNT OF PAYMENT (\$ 1,706.00

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
Deposit Account Number 01-0025  
Deposit Account Name Abbott Laboratories  
☒ Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17  
☐ Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	710.00
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$ 710.00

### 2. EXTRA CLAIM FEES

Total Claims 22 - 20\*\* = 2 x 18.00 = 36.00  
Independent Claims 15 - 3\*\* = 12 x 80.00 = 960.00  
Multiple Dependent =  
\*\*or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	** Reissue independent claims over original patent
110	22	210	11	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 996.00

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

## SUBMITTED BY

Typed or Printed Name Mimi C. Goller

Signature

Date

## Complete (if applicable)

Reg. Number 39,046

Deposit Account User ID

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: P. A. Billing-Medel., *et al.*

Serial No.:

Filed: April 25, 2001

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
PROSTATE

Attorney Docket No.: 6083.US.D2

Examiner: (Not yet assigned)

Group Art Unit: (Not yet assigned)

Date: April 23, 2001

EXPRESS MAIL NO.: EL507389875US

**Certificate of Mailing under 37 CFR §1.10:**I hereby certify that this paper (along with any  
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addressed to:Box Patent Applications  
Assistant Commissioner for Patents  
Washington, D.C. 20231on April 25, 2001Name of person signing  
this certificate: Wanda E. Smith

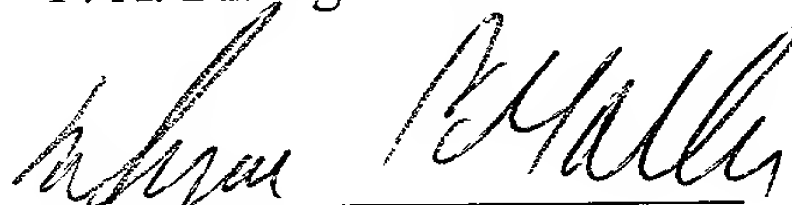
Signature:

**STATEMENT TO SUPPORT FILINGS AND SUBMISSIONS IN ACCORDANCE  
WITH 37 C.F.R. §§1.821 THROUGH 1.825**Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

The undersigned, being the attorney of record of the above-identified patent application, submits the following statement regarding the Sequence Listing in paper and computer readable form:

I hereby state that the content of the paper copy of the Sequence Listing submitted herewith, in accordance with 37 C.F.R. §1.821(c) and (e), respectively, is the same as the computer readable form which was submitted in the parent application on May 1, 1998 that the paper and computer readable form copies contain no sequence information that would constitute new matter beyond the original submissions.

Respectfully submitted,  
P. A. Billing-Medel. *et al.*Mimi C. Goller  
Registration No. 39,046  
Attorney for ApplicantsABBOTT LABORATORIES  
D-0377/AP6D-2  
100 Abbott Park Road  
Abbott Park, Illinois 60064-6050  
Telephone: (847) 935-7550  
Facsimile: (847) 938-2623

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: P. A. Billing-Medel., *et al.*

Serial No.:

Filed: April 25, 2001

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
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Attorney Docket No.: 6083.US.D2

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**Certificate of Mailing under 37 CFR §1.10:**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as Express Mail Post Office to Addressee Service with sufficient postage in an envelope addressed to:

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Assistant Commissioner for Patents  
Washington, D.C. 20231

on April 25, 2001

Name of person signing  
this certificate: Wanda E. Smith

Signature:

**REQUEST TO USE COMPUTER READABLE FORM  
FROM A PRIORITY APPLICATION**

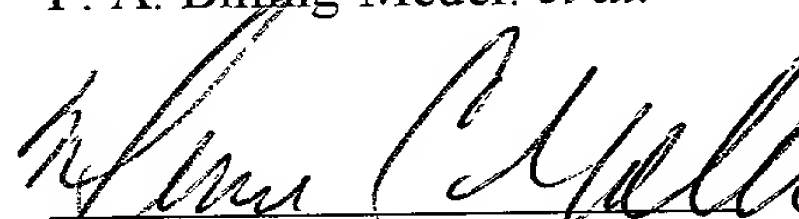
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The computer readable form in this application is identical with that submitted in the parent application, U.S. Serial No. 09/071,710, the specification of which was filed on May 1, 1998. In accordance with 37 C.F.R. 1.821(e), Applicants request that the same computer readable form, which was submitted in the parent application on May 1, 1998, be used as the computer readable form for the instant application. Applicants understand that the Patent and Trademark Office will make the necessary change in application number and filing date for the computer readable form that will be used for the instant application. A paper copy of the Sequence Listing is included in the specification. A statement to support the filings and submissions in accordance with 37 C.F.R. §1.821-1.825 is also included.

Respectfully submitted,  
P. A. Billing-Medel. *et al.*

ABBOTT LABORATORIES  
D-0377/AP6D-2  
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Mimi C. Goller  
Registration No. 39,046  
Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: P. A. Billing-Medel, *et al.*

Serial No.:

Group No.:

Filed: April 25, 2001

Examiner:

Docket No.: 6083.US.D2

For: REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE

**Box Patent Application**

**Assistant Commissioner for Patents**

**Washington, D.C. 20231**

**EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EL507389875US

Date of Deposit: April 25, 2001

I hereby state that the following *attached* paper or fee

Utility Patent Application Transmittal – 2 pages

Fee Transmittal – 1 pg. (in duplicate)

Specification (91 pages); Sequence Listing (13 pgs.) Claims (6 pages); Abstract (1 page); **Total: 111**

Paper Copy of Sequence Listing – pages 92 – 104 – listed above

Preliminary Amendment – 2 pgs.

Drawings (9 pages) Figures 1-4

Executed Declaration and Power of Attorney (5 pages)

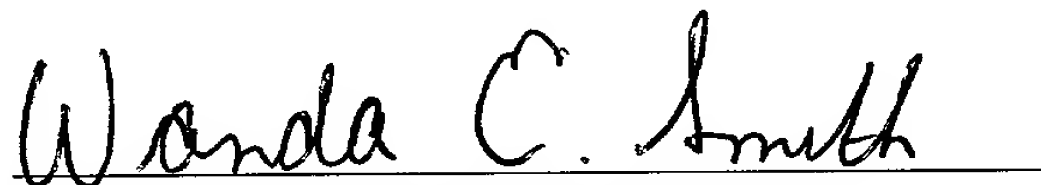
Request to Use Computer Readable Form from a Priority Application – 1 pg.

Statement to Support filings and Submissions, et al. – 1 pg.

Two Return-Receipt Postcards

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Wanda E. Smith



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